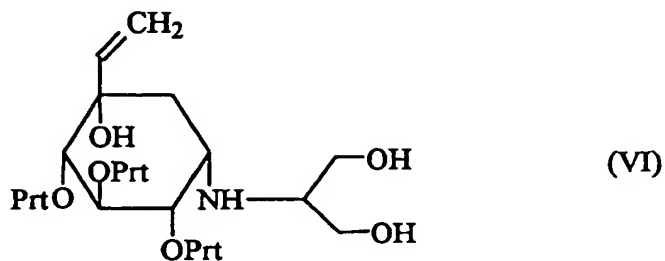
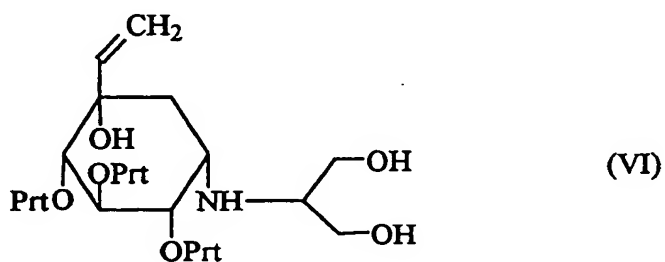


CLAIMS

1. An inositol derivative represented by the formula (VI):

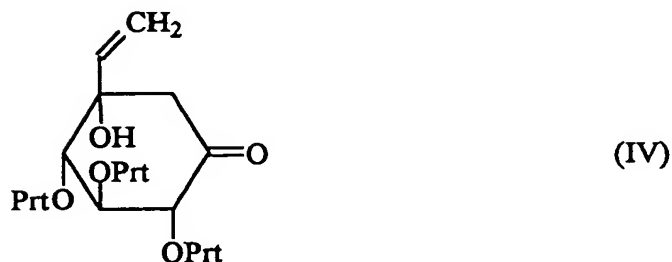


- 5 wherein Prt is a protecting group of hydroxyl group.
2. The inositol derivative according to claim 1, wherein Prt is a benzyl group, an acyl group or a silyl group, each of which may have a substituent.
- 10 3. A process for preparing an inositol derivative represented by the formula (VI):



wherein Prt is a protecting group of hydroxyl group,

characterized in that a cyclohexanone compound represented by the formula (IV):



wherein Prt is as defined above,

5 is dihydroxylated using a dihydroxylating agent and a reducing agent.

4. The process for preparing an inositol derivative according to claim 3, wherein the dihydroxylating agent is

2-amino-1,3-propanediol represented by the formula (V):

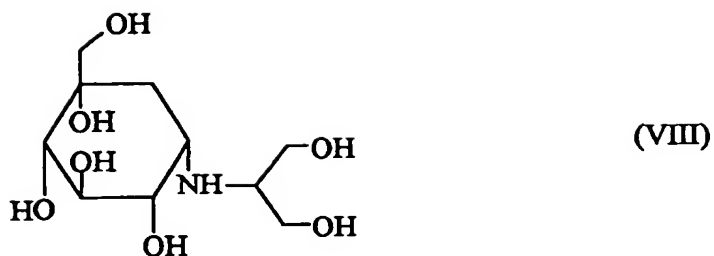


10

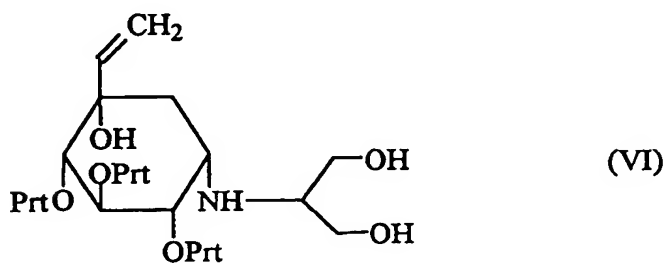
5. The process for preparing an inositol derivative according to claim 3 or 4, wherein Prt is a benzyl group, an acyl group or a silyl group, each of which may have a substituent.

15

6. A process for preparing voglibose represented by the formula (VIII):

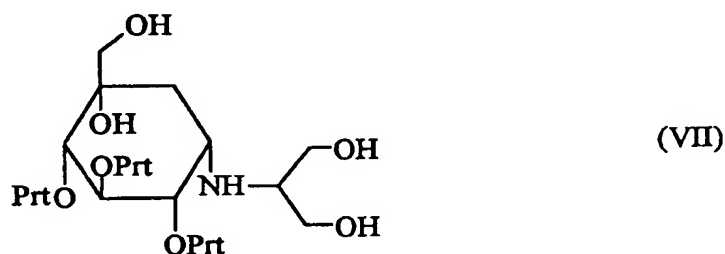


characterized in that an inositol derivative represented by the formula (VI):



wherein Prt is a protecting group of hydroxyl group,

5 is oxidized to give an inositol compound represented by the formula (VII):



wherein Prt is as defined above, and

the protecting group, Prt of the inositol compound is deprotected.

10 7. The process for preparing voglibose according to claim 6, wherein Prt is a benzyl group, an acyl group or a silyl group, each of which may have a substituent.